


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PTC/SB/02A (10-96)

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Substitute for form 1449A, PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number _____ Filing Date _____ First Named Inventor GATLIARD Group Art Unit _____ Examiner Name _____ Attorney Docket Number 1-37062	
Sheet	1	of	9

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
KCK		4,658,147		ELDERING	04-14-1987	
KCK		4,916,296		STRECK	04-10-1990	
KCK		5,212,373		SHITOKA et al	05-18-1993	
KCK		5,241,161		ZIITA	08-31-1993	
KCK		5,434,401		BAUSER	07-18-1995	
KCK		5,777,903		PIOSENKA et al	07-07-1998	
KCK		5,789,733		JACHTIMOWICZ et al	08-04-1998	
KCK		5,818,030		BEVES	10-06-1998	
KCK		5,867,795		NOVTS et al	02-02-1999	
KCK		5,880,769		NEMTROFSKY et al	03-09-1999	
KCK		5,987,438		NAKANO et al	11-16-1999	
KCK		6,070,794		NIWATA et al	06-06-2000	
KCK		5,992,738		MATSUMOTO et al	11-30-1999	
KCK		5,969,332		UEDA et al	10-19-1999	
KCK		5,945,652		OHKI et al	08-31-1999	
KCK		6,108,789		DANCS et al	08-22-2000	
KCK		5,268,963		MONROE et al	12-07-1993	
KCK		6,076,164		TANAKA et al	06-13-2000	
KCK		5,886,333		NIYAKE	03-23-1999	
KCK		4,797,542		HARA	01-10-1989	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ²	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
KCK		GB	2,258,749 A		FREER et al	02-17-1993	
KCK		FR	2,620,840		BRISSON	09-21-1987	
KCK		WO	99/13434		LEWIS	03-18-1999	
KCK		EP	1,028,401 A2		SCHUTZER et al	08-16-2000	
KCK		WO	00/42491		DENTON NORMAN et al	07-20-2000	
KCK		WO	01/06990		ABBOTT et al	12-20-2001	
KCK		GB	2,161,562		CAMPBELL	04-23-1987	
KCK		WO	01/59730 A1		GHYS	08-16-2001	
KCK		EP	0 239 388		COCKBURN	09-30-1987	

Examiner Signature Kumiko C. Koyama	Date Considered 6/10/04
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known

Application Number	10/646,650
Filing Date	August 21, 2003
First Named Inventor	Joel Gaillard
Art Unit	2876
Examiner Name	
Attorney Docket Number	1-37052

(use as many sheets as necessary)

Sheet	1	of	1
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Kumiko C. Koyama

6/10/04

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTC/SB/C 110-66

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheer

2

91

9

Attorney Cocker Number

1-37062

Complete if Known

Application Number:

Filing Date

First Named Inventor

GATTIARD

Group Art Unit

Examiner Name _____

Attorney Cocker Number

1-37062

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cite Document	Date of Publication of Cite Document MM-DD-YYYY	Page Columns, Lines, Where Relevant Passages or Relevant Figures Acce
		Number	Kind Code (if known)			
KCK		5,521,966		FRIEDES et al.	05-28-1996	
KCK		6,105,008		DAVIS et al.	08-15-2000	
KCK		6,018,717		LEE et al.	01-25-2000	
KCK		6,024,286		BRADLEY et al.	02-15-2000	
KCK		6,204,288		GOMULICH et al.	02-15-2000	
KCK		6,003,776		DRUPSTEEN	12-21-1999	
KCK		5,109,524		KANOH et al.	08-29-2000	
KCK		5,965,860		ONEDA	10-12-1999	
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KCK		5,623,637		JONES et al.	04-22-1997	
KCK		5,721,781		DEO et al.	02-24-1998	
KCK		5,907,142		KEISEY	05-25-1999	
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KCK		6,006,333		NIELSEN	12-21-1999	
KCK		6,058,483		VANNEL	05-02-2000	
KCK		6,079,019		FUKUZUMI	06-20-2000	
KCK		6,094,486		MARCHANT	07-25-2000	
KCK		6,112,187		FUKAWA	08-29-2000	
KCK		6,076,075		TEICHER	06-13-2000	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Kumiko C. Koyama

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Considered

18/6/10/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPSP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A-PTC INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number		
			Filing Date		
			First Named Inventor	GAILLARD	
			Group Art Unit		
			Examiner Name		
Sheet	3	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Accurately
		Number	Kind Code ³ (if known)			
KCK		6,003,767		HAYASHIDA	12-21-1999	
KCK		5,728,999		TEICHER	03-17-1998	
KCK		4,928,001		MASADA	05-22-1990	
KCK		5,585,787		WALLERSTEIN	12-17-1996	
KCK		4,562,342		SOLO	12-31-1985	
KCK		5,317,636		VTZCAINO	05-31-1994	
KCK		3,731,076		NAGATA et al.	05-01-1973	
KCK		4,851,654		NIITA	07-25-1989	
KCK		5,648,647		SEILER	07-15-1997	
KCK		5,700,037		KELLER	12-23-1997	
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KCK		6,067,621		YU et al.	05-23-2000	
KCK		6,070,154		TAVOR et al.	05-30-2000	
KCK		5,539,825		AKIYAMA et al.	07-23-1996	
KCK		4,900,905		PUSIC	02-13-1990	
KCK		4,923,022		HSIEH	05-08-1990	
KCK		5,025,386		PUSIC	06-18-1991	
KCK		5,113,351		BOSTIC	05-12-1992	
KCK		5,313,404		WU	05-17-1994	
KCK		5,481,464		RAMSDEN	01-02-1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ²	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Accurately	T ³
		Office ⁴	Number ⁵	Kind Code ⁶ (if known)				
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Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 209. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	5	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENT					
Examiner Initials	Cite No.	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Accurately
		Number	Kind Code (if known)		
KCK		5,857,079		CLAUS et al.	01-05-1999
KCK		6,131,090		BASSO, Jr. et al.	10-10-2000
KCK		6,142,369		JONSTROMER	11-07-2000
KCK		6,212,290		GAGNE et al.	04-03-2001
KCK		6,293,462		GANGI	09-25-2001
KCK		6,282,304		NOVTKOV et al.	08-28-2001
KCK		6,289,324		KAWAN	09-11-2001
KCK		6,279,824		PARK	08-28-2001
KCK		6,230,148		PARE, Jr. et al.	05-08-2001
KCK		6,219,439		BURGEP	04-17-2001
KCK		6,213,391		LEWIS	04-10-2001
KCK		6,182,076		YU et al.	01-30-2001
KCK		6,182,892		ANGELO et al.	02-06-2001
KCK		6,111,506		YAP et al.	08-29-2000
KCK		6,154,879		PARE, Jr. et al.	11-28-2000
KCK		6,092,192		KANEVSKY et al.	07-18-2000
KCK		6,105,011		MORRISON, Jr.	08-15-2000
KCK		6,038,333		WANG	03-14-2000
KCK		6,041,410		HSU et al.	03-21-2000
KCK		6,032,137		BALLARD	02-29-2000

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Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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Sheet	6	of	9
		Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Passages or Relevant Source Access
		Number (if known)			
KCK		6,010,068	BOZZO	01-04-2000	
KCK		6,012,049	KAWAN	01-04-2000	
KCK		5,910,988	BALLARD	06-08-1999	
KCK		5,991,408	PEARSON et al.	11-23-1999	
KCK		5,862,247	FISIN et al.	01-19-1999	
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KCK		5,815,252	PRICE-FRANCIS	09-29-1998	
KCK		5,841,119	ROUYRE et al.	11-24-1998	
KCK		5,805,719	PARE, Jr. et al.	09-08-1998	
KCK		5,799,092	KPISTOL et al.	08-25-1998	
KCK		5,191,611	LANG	03-02-1993	
KCK		5,581,630	BONNEAU, Jr.	12-03-1996	
KCK		5,065,429	LANG	11-12-1991	
KCK		4,993,068	PIOSENKA et al.	02-12-1991	
KCK		5,280,527	GILLMAN et al.	01-18-1994	
KCK		4,582,985	LOEBERG	04-15-1986	
KCK		5,623,552	LANE	04-22-1997	
KCK		6,219,439	BURGER	04-17-2001	
KCK		6,450,407	FREEMAN et al.	10-17-2002	

[illegible]

Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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			Application Number		
			Filing Date		
			First Named Inventor	GATLIARD	
			Group Art Unit		
			Examiner Name		
Sheet	7	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENT						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
KCK		6,431,443		BARNES et al.	08-13-2002	
KCK		6,371,378		BRUNET et al.	04-16-2002	
KCK		6,273,339		TUTTLE et al.	08-14-2001	
KCK		6,222,520		GERSZBERG et al.	04-24-2001	
KCK		6,062,183		FREEMAN et al.	05-30-2000	
KCK		5,936,227		TRUGGELMANN et al.	08-10-1999	
KCK		5,770,849		NOVIS et al.	06-23-1998	
KCK		5,953,047		NEMIROFSKY	09-14-1999	
KCK		6,178,409 B1		WEBER et al.	01-23-2001	
KCK		5,956,699		WONG et al.	09-21-1999	
KCK		5,770,843		ROSE et al.	06-23-1998	
KCK		6,402,039		FREEMAN et al.	06-11-2002	
KCK		6,390,373		BEYER et al.	05-21-2002	
KCK		6,360,954		PAENARDO	03-26-2002	
KCK						
KCK		5,734,154		JACHIMOWICZ et al.	03-31-1998	
KCK		4,800,255		IMRAN	01-24-1989	
KCK		4,746,787		SUTO et al.	05-24-1988	
KCK		5,590,038		PITRODA	12-31-1996	
KCK		5,917,754		PATHAK et al.	06-29-1999	

[illegible]

Examiner Signature	Kumiko C. Keyama	Date Considered	6/10/04
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Sheet	8	of 9	Attorney Cocket Number	1-37062

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (if known) (if known)			
KCK		5,955,961	WALLERSTEIN	09-21-1999	
KCK		4,910,393	GERCEKCI et al.	03-20-1990	
KCK		5,511,023	SCHRENK	04-23-1996	
KCK		5,732,136	MURPHREE et al.	03-24-1998	
KCK		5,869,825	ZIARNO	02-09-1999	
KCK		5,936,221	CORDER et al.	08-10-1999	
KCK		5,991,159	KRAICZYK	11-23-1999	
KCK		6,016,955	DE ROOIJ et al.	01-25-2000	
KCK		6,024,286	BRADLEY et al.	02-15-2000	
KCK		6,024,288	GOTTLICH et al.	02-15-2000	
KCK		5,214,699	MONROE et al.	05-25-1993	
KCK		5,363,453	GAGNE et al.	11-08-1994	
KCK		5,566,327	SEHR	10-15-1996	
KCK		5,732,148	KEAGY et al.	03-24-1998	
KCK		5,920,628	INDECK et al.	07-06-1999	
KCK		6,012,636	SMITH	01-11-2000	
KCK		6,044,353	PIGLIESE, III	03-28-2000	
KCK		4,757,185	ONISHI	07-12-1988	
KCK		5,017,766	TAMADA et al.	05-21-1991	
KCK		5,347,580	MOLVA et al.	09-13-1994	

[illegible]

Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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	Application Number				
	Filing Date				
	First Named Inventor	GAILLARD			
	Group Art Unit				
	Examiner Name				
Sheet	9	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Acover
		Number	Kind Code ² (if known)			
KCK		5,412,192		HOSS	05-02-1995	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
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Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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